

Wei Zeng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

1,863
citations

25
h-index

42
g-index

54
ext. papers

2,117
ext. citations

6.5
avg, IF

5.08
L-index

#	Paper	IF	Citations
53	Photocatalyzed Coupling-Cyclization of α -Alkynylaryl Vinyl ethers with Arylsulfonyl Azides. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14572-14585	4.2	3
52	Rh(III)-Catalyzed Csp-Csp Bond Enolization of β -Dendrolyl Alcohols. <i>Organic Letters</i> , 2021 , 23, 3965-3969	6.2	1
51	Photocatalyzed cycloaromatization of vinylsilanes with arylsulfonylazides. <i>Nature Communications</i> , 2021 , 12, 3304	17.4	10
50	Rh(III)-Catalyzed Csp ² -Csp ³ bond alkoxylation of β -Dendrolyl alcohols via C-C bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 2949-2954	5.2	1
49	Rh(III)-Catalyzed sulfonylation of β -Dendrolyl alcohols via Csp ² -Csp ³ bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 983-987	5.2	3
48	Rh(III)-Catalyzed Csp ² -Csp ³ Bond Cleavage/Carbonylethylation of β -Dendrolyl Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1672-1684	5.6	2
47	Visible-Light-Catalyzed in Situ Denitrogenative Sulfonylation of Sulfonylhydrazones. <i>Organic Letters</i> , 2021 , 23, 6784-6788	6.2	2
46	Bimetal Cooperatively Catalyzed Arylalkynylation of Alkynylsilanes. <i>Organic Letters</i> , 2021 , 23, 6724-6728	6.2	1
45	Photocatalyzed formal carboxygenation of terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 16005-1605	5.1	5
44	Brønsted acid/visible-light-promoted Markovnikov hydroamination of vinylarenes with arylamines. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 956-963	3.9	4
43	Synthesis of Isoquinoline Derivatives via Palladium-Catalyzed C _H /C _N Bond Activation of N-Acyl Hydrazones with β -Substituted Vinyl Azides. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1362-1369	5.6	8
42	Direct Carbon-Carbon Bond Amination of Unstrained Arylalkylketones. <i>ACS Catalysis</i> , 2020 , 10, 8402-8408	8.1	15
41	Co(II)-Catalyzed Regioselective Pyridine C-H Coupling with Diazoacetates. <i>Organic Letters</i> , 2019 , 21, 3427-3430	7.13	13
40	Visible-Light-Mediated Sulfonylimination of Tertiary Amines with Sulfonylazides Involving C-C Bond Cleavage. <i>Organic Letters</i> , 2019 , 21, 2804-2807	6.2	20
39	Rhodium(i)-catalyzed vinylation/[2 + 1] carbocyclization of 1,6-enynes with β -diazocarbonyl compounds. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 7042-7054	3.9	1
38	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with O or Internal Oxidants. <i>Accounts of Chemical Research</i> , 2018 , 51, 1092-1105	24.3	125
37	Co(III)-Catalyzed Coupling-Cyclization of Aryl C _H Bonds with β -Diazoketones Involving Wolff Rearrangement. <i>ACS Catalysis</i> , 2018 , 8, 1308-1312	13.1	73

36	Evaluation of 4-phenylamino-substituted naphthalene-1,2-diones as tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3057-3063	2.9	6
35	Rh(III)-catalyzed regioselective intermolecular α -methylene Csp ³ -H bond carbenoid insertion. <i>Chemical Science</i> , 2018 , 9, 985-989	9.4	29
34	Zn(OAc) ₂ -Catalyzed C3-Carbonylacetylation of Indoles with α -Diazoketones Involving Wolff Rearrangement. <i>Organic Letters</i> , 2018 , 20, 6140-6143	6.2	14
33	Rhodium(I)-Catalyzed Coupling-Cyclization of C=O Bonds with α -Diazoketones. <i>Organic Letters</i> , 2018 , 20, 3980-3983	6.2	13
32	Ru(II)-Catalyzed Coupling-Cyclization of Sulfoximines with α -Carbonyl Sulfoxonium Ylides as an Approach to 1,2-Benzothiazines. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3534-3543	5.6	53
31	Rh(III)-Catalyzed Carboamination of Propargyl Cycloalkanols with Arylamines via Csp ³ -H/Csp ³ -Csp ³ Activation. <i>Organic Letters</i> , 2017 , 19, 3474-3477	6.2	32
30	Rhodium(III)-catalyzed indole-directed carbenoid aryl C-H insertion/cyclization: access to 1,2-benzocarbazoles. <i>RSC Advances</i> , 2017 , 7, 30554-30558	3.7	20
29	An Ir(III)-catalyzed aryl C-H bond carbenoid functionalization cascade: access to 1,3-dihydroindol-2-ones. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3638-3647	3.9	24
28	A Foldamer-Based Organocatalyst for Direct Arylations of Unactivated Arenes. <i>Organic Letters</i> , 2017 , 19, 2190-2193	6.2	23
27	Co(II)-Catalyzed Regioselective Cross-Dehydrogenative Coupling of Aryl C-H Bonds with Carboxylic Acids. <i>Organic Letters</i> , 2017 , 19, 4279-4282	6.2	59
26	A [4 + 1] Cyclative Capture Access to Indolizines via Cobalt(III)-Catalyzed Csp ² -H Bond Functionalization. <i>Organic Letters</i> , 2016 , 18, 4742-5	6.2	49
25	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary Csp ³ -H Bond Amidation. <i>Angewandte Chemie</i> , 2016 , 128, 12076-12080	3.6	17
24	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary Csp ³ -H Bond Amidation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11897-901	16.4	52
23	Rh(III)-Catalyzed [4 + 2] Annulation of Indoles with Diazo Compounds: Access to Pyrimido[1,6-a]indole-1(2H)-ones. <i>Organic Letters</i> , 2016 , 18, 192-5	6.2	80
22	Copper-Catalyzed Regioselective C-H Sulfonylation of 8-Aminoquinolines. <i>Journal of Organic Chemistry</i> , 2016 , 81, 946-55	4.2	83
21	Copper-Catalyzed Addition of Alkylboranes to Iminoacetates: Access to α -Alkyl Branched α -Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2497-2509	5.6	2
20	Rh(III)-catalyzed relay carbenoid functionalization of aromatic C-H bonds: access to α -conjugated fused heteroarenes. <i>Chemical Communications</i> , 2016 , 52, 5856-9	5.8	35
19	Copper-Catalyzed Cascade Cycloamination of α -Csp ³ -H Bond of N-Aryl Ketimines with Azides: Access to Quinoxalines. <i>Organic Letters</i> , 2016 , 18, 2078-81	6.2	39

18	Highly stereoselective ruthenium(II)-catalyzed direct C2-syn-alkenylation of indoles with alkynes. <i>Organic Letters</i> , 2015 , 17, 1349-52	6.2	40
17	Transition-Metal-Free Tandem Chlorocyclization of Amines with Carboxylic Acids: Access to Chloroimidazo[1,2- <i>b</i>]pyridines. <i>Organic Letters</i> , 2015 , 17, 3998-4001	6.2	35
16	Pd(II)-Catalyzed Pyridine N-Oxides Directed Arylation of Unactivated Csp(3)-H Bonds. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4618-26	4.2	37
15	Rh(III)-catalyzed chelation-assisted intermolecular carbenoid functionalization of β -amino Csp(3)-H bonds. <i>Chemical Communications</i> , 2015 , 51, 15328-31	5.8	37
14	Palladium-Catalyzed Direct Oxidative C-H Cross-Coupling of Azoarenes with Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 519-527	5.6	38
13	Cu(I)-catalyzed transannulation of N-heteroaryl aldehydes or ketones with alkylamines via C(sp ³)-H amination. <i>Organic Letters</i> , 2014 , 16, 6232-5	6.2	73
12	Pd-catalyzed tandem homocoupling/aldol dehydration of ortho-acylphenyl iodides. <i>RSC Advances</i> , 2014 , 4, 23595-23603	3.7	2
11	Ruthenium(II)-catalyzed direct addition of indole/pyrrole C2-H bonds to alkynes. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9472-80	4.2	72
10	Cascade Reaction between Methyl 3-Dehydroshikimate, Arylamines, and 2-Chloroalkyl Esters under Microwave Conditions: A Practical and Biomass-Based Synthesis of N-Aryl-1,4-benzoxazin-3-ones. <i>Synthesis</i> , 2014 , 46, 1167-1176	2.9	8
9	Facile synthesis of a polyether-tethered dimeric berberine as a highly effective DNA-cleaving agent in the presence of Cu(II) ion. <i>MedChemComm</i> , 2013 , 4, 1400	5	10
8	Ruthenium(II)-catalyzed regioselective reductive coupling of β -amino esters with dienes. <i>Organic Letters</i> , 2013 , 15, 1440-3	6.2	33
7	Facile synthesis of benzofurans via copper-catalyzed aerobic oxidative cyclization of phenols and alkynes. <i>Chemical Communications</i> , 2013 , 49, 6611-3	5.8	88
6	Human gait recognition via deterministic learning. <i>Neural Networks</i> , 2012 , 35, 92-102	9.1	35
5	Palladium-Catalyzed Intramolecular Sulfonamidation/Oxidation of Imines: Access to Multifunctional Benzimidazoles. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2795-2804	5.6	24
4	An efficient FeCl ₃ -promoted O-alkyl cleavage of esters to carboxylic acids. <i>Applied Organometallic Chemistry</i> , 2011 , 25, 443-447	3.1	9
3	Polystyrene-Supported Amino Acids as Efficient Catalyst for Chemical Fixation of Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1925-1933	5.6	115
2	Total synthesis of (S)-(+)-tylophorine via enantioselective intramolecular alkene carboamination. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6045-7	4.2	64
1	Copper(II)-catalyzed enantioselective intramolecular carboamination of alkenes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12948-9	16.4	226

